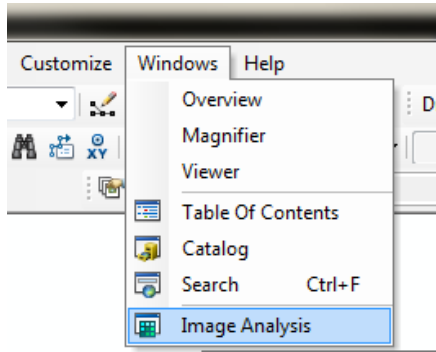
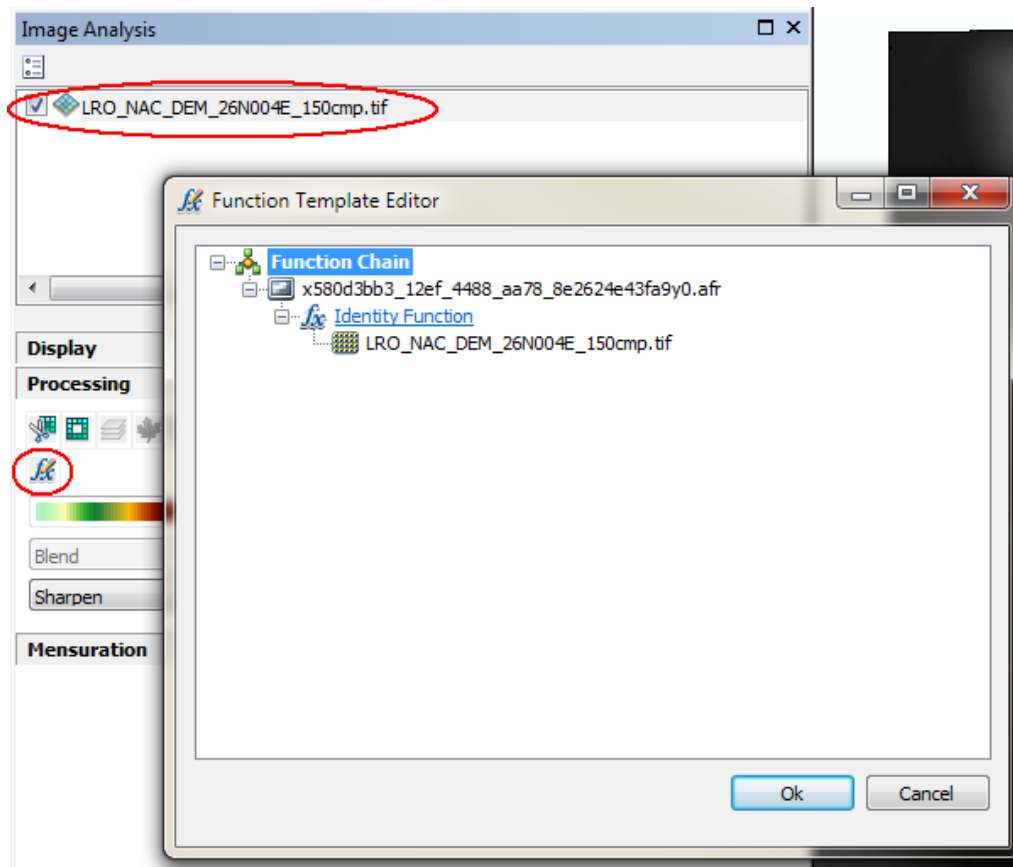


Truncate and scale 32bit DEM. Trent Hare, thare@usgs.gov

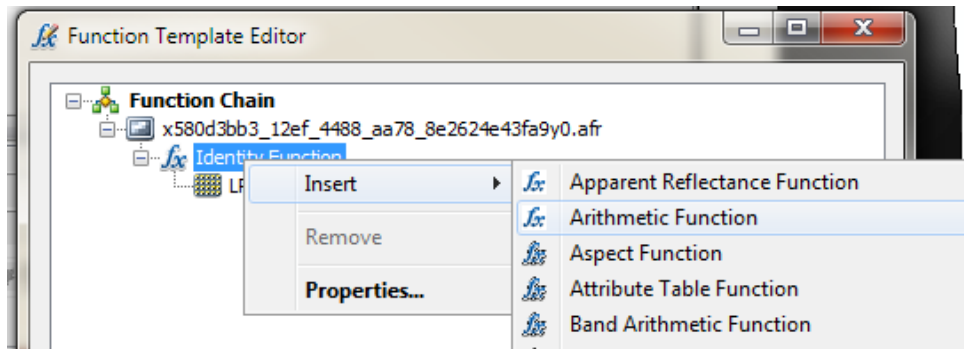
- 1.) First calculate statistics and pyramids for DEM (just makes it faster for viewing). Add image to ArcMap (using 10.x)
- 2.) Open Image Analysis window



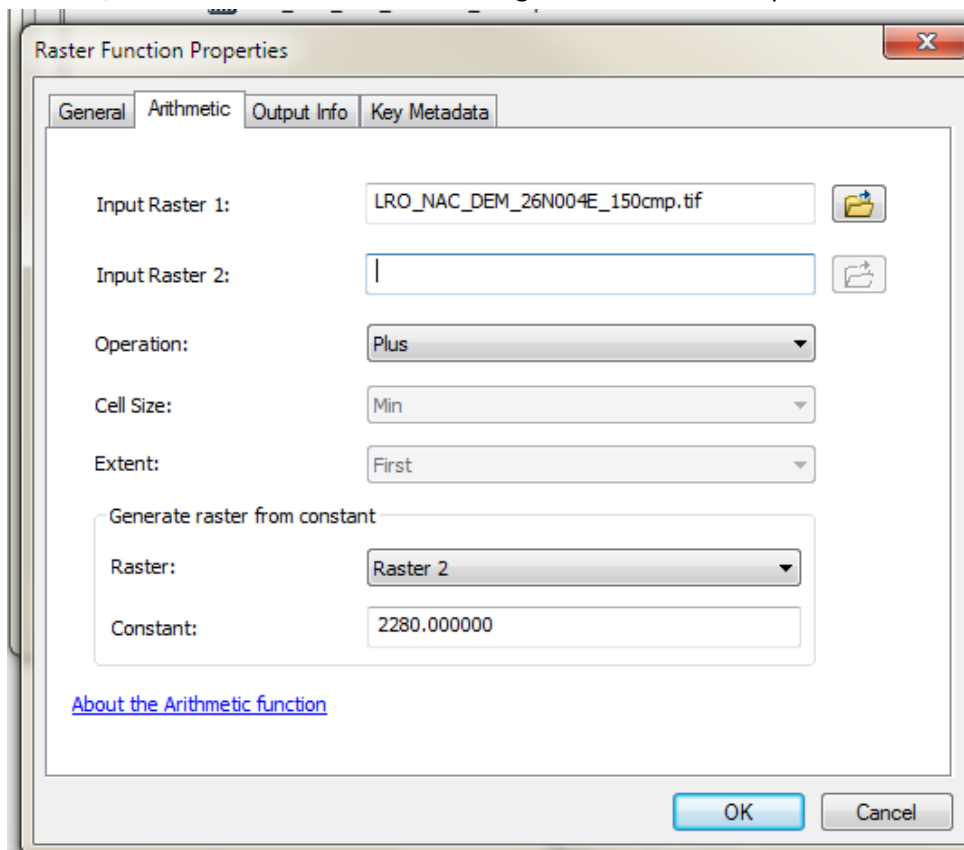
- 3.) Select the image, and then click on the “fx” button which will bring up the shown Function Template Editor window for that image.



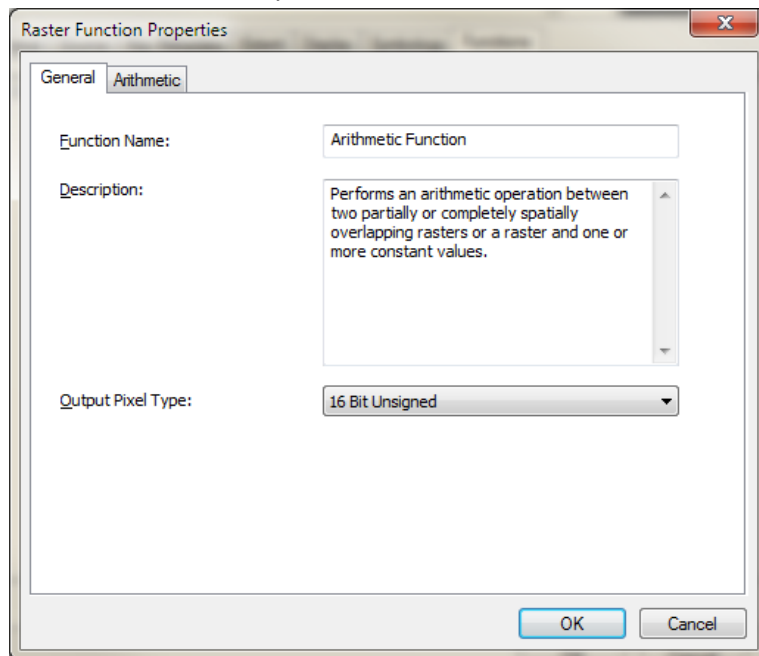
4.) Right click on “Identity Function” and select Arithmetic Function



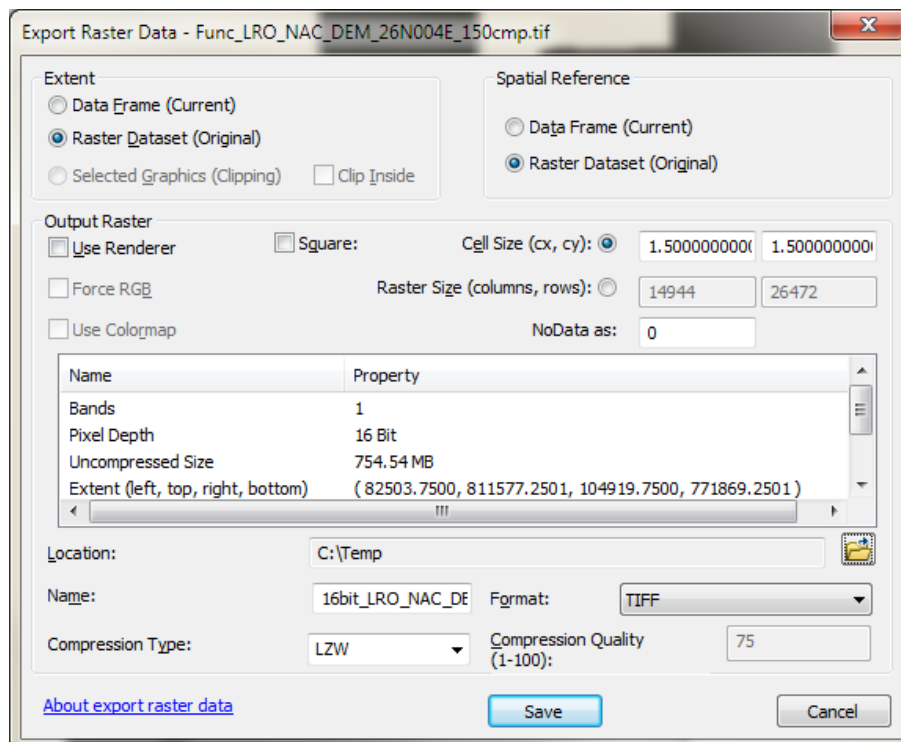
5.) Fill out window below such that the Operation is “plus”, under constant section that Raster is set to Raster 2, and the value in Constant is enough to make all values positive.



6.) In same window, under the General Tab, select Output Pixel Type to “16 bit Unsigned” to truncate the decimal. Now you can Hit OK to close window.



7.) To export, right click on the new Functional (virtual) layer and save to a 16bit Tiff. Make sure to set NoDATA=0.



8.) Now open in Photoshop. You still may need to auto contrast for a good stretch.